ELSEVIER J. Non-Newtonian Fluid Mech., 55 (1994) 347

Journal of Non-Newtonian Fluid Mechanics

Subject Index of Vol. 55

Birefringent strands, 59
Blends, 191

Cavitation, 37
Cavitation damage, 37
Circular pipes, 197
Cross-wind diffusion, 1
Crouzeix–Raviart triangular element, 283

Decoupled method, 283
Doi–Ohta theory, 191
Drag, 91
Drag reducing fluid, 37
Dumbbell model, 59
Dynamic contact lines, 249

Elasticity, 37
Elongational flow, 307
EVSS formulation, 283
Extensional flow, 59
Extensional viscosity, 307

FENE fluid, 91
Fiber orientation, 115
Fiber suspensions, 115
Finite deformation tensors, 115
Finite element method, 283
Flow-induced orientation, 1
Fluctuating pressure gradients, 197

Galerkin method, 283
Gordon–Schowalter derivative, 21

Immiscible fluids, 191
Instability, 59
Instantaneous acceleration, 163

Johnson–Segalman model, 21

Lagrangian frame, 37
Laser Doppler velocimetry, 229
Leslie–Ericksen theory, 1, 137
Linear ramping, 163
Liquid bridge, 307
Liquid crystalline polymers, 1
Low molecular weight polymer solutions, 321

Method of characteristics, 283
Microgravity, 307

Nematic liquid crystal, 137
Network model, 215
Normal stress, 215

PAA solution, 307
Particle tracking, 1
Phan-Thien–Tanner equation, 21
Polymer solution, 59
Poly(vinyl alcohol), 215
Power law fluids, 197

Rebound, 37
Relaxation time, 215
Rotating disk, 163

Shear flow, 21
Shear thickening, 215
Shear thinning, 229, 321
Simple shear flow, 137
Sphere, 91, 229
Spin coating, 249
Stagnation flow, 229
Stagnation point, 59
Start-up flow, 163

Temperature gradient, 137
Turbulent pipe flow, 321

Unsteady flow, 115, 197
Upper Convected Maxwell fluid, 163
Uzawa algorithm, 283

Viscoelastic fluid, 91
Viscoelastic fluid flow, 283
Viscoelastic free surface, 249
Viscosity, 215

Wake, 91

ELSEVIER

J. Non-Newtonian Fluid Mech., 55 (1994) 348

Journal of Non-Newtonian Fluid Mechanics

Author Index of Vol. 55

Ahmed, A., 115
Ahn, K.H., 215
Ait-Kadi, A., 191, 283
Alexandrou, A.N., 115
Arsac, A., 21

Berg, S., 307
Bertrand, F., 283
Borkar, A.V., 163
Bush, M.B., 229

Carrot, C., 21
Chang, R.Y., 1
Crochet, M.J., 91

Grmela, M., 191
Guillet, J., 21

Harris, O.J., 59
Heynderickx, I., 137
Homsy, G.M., 249
Huilgol, R.R., 209

Jatrape, J.V., 91

Kabanemi, K.K., 283
Kim, C., 37
Kroger, R., 307

Li, X.K., 207

Osaki, K., 215

Panizza, M., 209
Payne, L.E., 209
Pearson, J.R.A., 203
Pinho, F.T., 321
Potze, W., 137

Rallison, J.M., 59
Rath, H.J., 307
Revenu, P., 21

Sá Pereira, A., 321
Shiao, F.C., 1
Spaid, M.A., 249

Tanguy, P.A., 283
Tsamopoulos, J.A., 163
ter Maten, E.J.W., 137

Warsi, Z.U.A., 197

Yang, W.L., 1